

Date: Fri, 5 Feb 93 16:01:26 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #173  
To: Info-Hams

Info-Hams Digest                      Fri, 5 Feb 93                      Volume 93 : Issue 173

Today's Topics:

73 Magazine Circulation Figures  
circuit modeling (2 msgs)  
Extra Class Call Signs (2 msgs)  
Ham Radio Causes Cancer!  
Icom Memory Upgrade  
Packet thru internet  
Proposition (2 msgs)  
Real NoCodes  
Shareware/Public Domain Software for Theory Test  
Wanted

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Thu, 4 Feb 1993 15:22:29 GMT  
From: netcomsv!bongo!julian@decwrl.dec.com  
Subject: 73 Magazine Circulation Figures  
To: info-hams@ucsd.edu

In article <14570621@hpnmdla.sr.hp.com> alanb@hpnmdla.sr.hp.com (Alan Bloom)  
writes:

>

>Did you ever notice that 73 is top-heavy with ads from small "garabe-shop"  
>companies?

I can think of two reasons for this:

1. The garage-shop operations are 100% mail order. As Ogilvey points out in his book "Confessions of an advertising man". Mail order operations are the only advertisers who directly and immediately know how well their ads are working. They can say: Ran an ad in X magazine, sold 300 widgets. The big boys who are selling large ticket items their sales will be made via a retailer and have no such correlation. A big ticket purchase decision may be made up to a year before the purchase. The decision may even be to purchase that item used. So, maybe the garage-shops get a good return on their 73 Ads.

2. 73 Mag gives the small shops a good break on advertising. Yes, 2 somewhat relates to 1 above.

--

Julian Macassey, N6ARE julian@bongo.tele.com Voice: (213) 653-4495  
Paper Mail: 742 1/2 North Hayworth Avenue, Hollywood, California 90046-7142

-----  
Date: Fri, 5 Feb 1993 15:03:51 GMT  
From: usc!cs.utexas.edu!qt.cs.utexas.edu!news.Brown.EDU!noc.near.net!lynx!  
lkay@network.UCSD.EDU  
Subject: circuit modeling  
To: info-hams@ucsd.edu

In article <1993Feb04.184123.129638@locus.com>,  
dana@lando.la.locus.com (Dana H. Myers) writes:

>  
> Of course, if you'd like to port SPICE to the platform of your choice,  
> the source code is \$250 from UC Berkeley. If you'd like more info, send  
> me a note and I'll scrounge the e-mail address you send a note to get a  
> UCB Software Catalog.  
>

Hmmm... this doesn't sound right. I know for a fact I downloaded the complete FORTRAN source code for SPICE (probably 2G5) from a PUBLIC FTP site a while ago. I wound up deleting it as I too use PSPICE on my 386.

Unfortunately, I forget the site. A good place to start is always wuarchive.wustl.edu or simtel20.wsmr.army.mil.

Len

-----  
Dr. Leonard Kay, KB2R | "But we are not dealing with the  
Electrical and Computer Engineering | normal world. We are chasing DX."

Northeastern University, Boston | -- W9KNI, 'The Complete DXer'  
NU ARC: W1KBN 145.31(-) |  
Packet: KB2R@K1EA | #include <disclaimer.h>

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-----  
Date: Thu, 04 Feb 93 18:41:23 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!  
howland.reston.ans.net!usc!elroy.jpl.nasa.gov!orchard.la.locus.com!  
prodnet.la.locus.com!lando.la.locus.com!dana@network.UCSD  
Subject: circuit modeling  
To: info-hams@ucsd.edu

In article <14570620@hpnmdla.sr.hp.com> alanb@hpnmdla.sr.hp.com (Alan Bloom)  
writes:

>In rec.radio.amateur.misc, f\_speerjr@ccsvax.sfasu.edu writes:

>

>>I'm just getting back into ham radio after a 10-year layoff. Looking at the  
>>mags, I read about software meant to model circuits. Can anyone tell me which  
>>package is the best? How good is it? How about rf circuits, antennas, etc? Any  
>>shareware?

>

>The granddaddy of circuit modelling programs is SPICE, invented at UC  
>Berkeley some years ago. There are a number of commercial versions  
>available. I use the demo version of PSPICE. It is the same as the  
>commercial version, but limits maximum circuit size. It is quite usable  
>if you don't need complicated models or large circuits. And the  
>price is right.

Of course, if you'd like to port SPICE to the platform of your choice,  
the source code is \$250 from UC Berkeley. If you'd like more info, send  
me a note and I'll scrounge the e-mail address you send a note to get a  
UCB Software Catalog.

--

\* Dana H. Myers KK6JQ | Views expressed here are \*  
\* (310) 337-5136 | mine and do not necessarily \*  
\* dana@locus.com DoD #466 | reflect those of my employer  
\*  
\* This Extra supports the abolition of the 13 and 20 WPM tests \*

---

Date: Fri, 5 Feb 1993 15:26:40 GMT  
From: usc!cs.utexas.edu!uwm.edu!linac!att!cbnewsm!jeffj@network.UCSD.EDU  
Subject: Extra Class Call Signs

To: info-hams@ucsd.edu

In article <1993Feb5.032201.8411@pro-haven.cts.com> phantom@pro-haven.cts.com (Tiffany Keller) writes:

>  
>In <Charles.R.Hohenstein.1-040293212145@lafmac48.lafortune.lab.nd.edu>  
>Charles.R.Hohenstein.1@nd.edu (Charles R. Hohenstein) writes:  
>  
>% Sorry to ask what is possibly a stupid question, but are extra call signs  
>% now in the same format as advanced call signs?  
>  
> Yes. Here, Extra class callsigns (in district 5 anyway) right now  
>are 2x2 calls like Advanced.....but Advanced call prefixes are KJ5?? and  
>Extra class call prefixes are AB5??.

The same is true here in 6 land. Extra calls are 2x2 and at the moment are AB6xx (like mine 8-) ) and Advanced are KN6xx. 73!

Jeff

--

Jeff Jones AB6MB		Nickel Back: What you get when you ask free
jeffj@seeker.mystic.com		agents to give you a million
Infolinc BBS 415-778-5929		dollars worth of effort.

-----  
Date: Fri, 5 Feb 1993 15:13:17 GMT  
From: usc!cs.utexas.edu!qt.cs.utexas.edu!news.Brown.EDU!noc.near.net!lynx!  
lkay@network.UCSD.EDU  
Subject: Extra Class Call Signs  
To: info-hams@ucsd.edu

In article <Charles.R.Hohenstein.1-040293212145@lafmac48.lafortune.lab.nd.edu>, Charles.R.Hohenstein.1@nd.edu (Charles R. Hohenstein) writes:

> Sorry to ask what is possibly a stupid question, but are extra call signs  
> now in the same format as advanced call signs?

Yes and no. Extras are now being issued 2x2 calls, just like advanceds, but they are taken from the 'A' block. The new Extra calls have the form A?#??, #=number, ?=letter. The advanceds are still K?#??.

Len

-----  
Dr. Leonard Kay, KB2R | "But we are not dealing with the  
Electrical and Computer Engineering | normal world. We are chasing DX."

Northeastern University, Boston | -- W9KNI, 'The Complete DXer'  
NU ARC: W1KBN 145.31(-) |  
Packet: KB2R@K1EA | #include <disclaimer.h>

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-----  
Date: 4 Feb 1993 21:39:58 GMT  
From: dog.ee.lbl.gov!hellgate.utah.edu!caen!saimiri.primate.wisc.edu!zazen!  
post.its.mcw.edu!news@network.UCSD.EDU  
Subject: Ham Radio Causes Cancer!  
To: info-hams@ucsd.edu

> Actually, cellular=870 MHz-ish . . .The power is much lower,  
> but the exposure is probably longer (if you talk a lot and can  
> afford it).

Some good dosimetry exists for older but similar units (Cleveland & Athey, Bioelectromagnetics 10:173, 1989). For a setup similar to that described for the Florida woman Cleveland & Athey measured a Specific Absorption Rate (SAR) of 3.5 W/kg at the interior of the skull in the temple region. The hot-spot is small and the fall-off is very rapid. SARs are highly dependent on antenna design and on the way the unit is held. This was for a 1.0 W unit versus the 0.6W max for cellular phones.

Thermal effects have clearly been demonstrated down to \*whole-body\* SARs of 4 W/kg. Current population safety standards (IRPA) are based on keeping the SAR below 0.08 W/kg \*averaged over the whole body over an 6 minute period\*. An amateur radio operator \*may\* be exposed to whole-body low-level RF, but a user of a hand-held cellular phone sees small-field, short-term, high-level exposure.

John Moulder (jmoulder@post.its.mcw.edu) 414-266-4672  
Radiation Biology Group  
Medical College of Wisconsin, Milwaukee, Wisc

-----  
Date: Thu, 4 Feb 1993 18:28:14 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!  
howland.reston.ans.net!zaphod.mps.ohio-state.edu!pacific.mps.ohio-state.edu!linac!  
att!mcdchg!laidbak!tellab5!jwa@network.UCSD.EDU  
Subject: Icom Memory Upgrade  
To: info-hams@ucsd.edu

I finally the replacement memory board for my Icom R71.  
I installed It and WOW! I now have 1024 memories. There  
are so many I don't think I'll be able to use them all.

The unit was difficult to install because I had undo the radio's the front panel (there where 8 wires that had to be connected to the matrix board) but it was worth it. I don't have to worry about the radio failing when the battery goes dead. The Willco memory unit uses two AA batteries that are double stick taped to a side wall inside the radio infact, The radio worked without the batteries.

---

Jack Albert	Fellow Radio Buff
Tele (708) 512-7854	
Tellabs, Inc.	FAX (708) 852-7346
4951 Indiana Ave.	jwa@tellabs.com
Lisle, IL	
60532	Do things really go better with Coca-Cola?

-----  
Date: 4 Feb 93 18:14:20 GMT  
From: elroy.jpl.nasa.gov!sdd.hp.com!zaphod.mps.ohio-state.edu!darwin.sura.net!  
ukma!cs.widener.edu!dsinc!ub!galileo.cc.rochester.edu!ee.rochester.edu!  
sperber@ames.arpa  
Subject: Packet thru internet  
To: info-hams@ucsd.edu

In article <1993Feb4.180525.28940@ee.rochester.edu> sperber@ee.rochester.edu  
(Michael Sperber) writes:

>I dont know if this is possible, or if it is even correct, or even if it  
>has been asked before (I lost my latest copy of the FAQ). Basically  
>my question is:  
> Is it possible to send email from the internet to a packet  
> station?  
>Put plainly I am trying to get in touch with my instructor from high  
>school (Chet Bacon, KA1ILH), thru internet email,if possible.  
>

Oops--- Sorry, I forgot to add (maybe the obvious) this:  
If it is possible to send email from the internet to a packet  
station, how would I go about doing this??

Ah, there much better :)

Thanks again,

mike KA1VCN

--

Michael Sperber KA1VCN

Trust me. I know what I am doing. I think.

sperber@ee.rochester.edu(internet) sprb\_ltd@uhura.cc.rochester.edu(alt.internet)  
SPRB\_LTD@UORDBV.BITNET (BITNET) sprb\_ltd@db1.cc.rochester.edu (alt.internet)

-----  
Date: 4 Feb 93 21:52:00 GMT  
From: usc!hela.iti.org!cs.widener.edu!dsinc!ub!acsu.buffalo.edu!  
ubvmsd.cc.buffalo.edu!v111qheg@network.UCSD.EDU  
Subject: Proposition  
To: info-hams@ucsd.edu

Well. since this thread had gone this far why not add to the discussion?

Ok. What we have hear is a conflict between operating privileges, types of licenses and the like so here is my ideas.

First, the facts:

No

Codeless Technician licenses have all regular technician priveleges except what the novice ticket confers to the regular Tech. Codeless techs do not have privelegs below 30 MHz due to international law, but most still manage to increase their code speed from nothing to 5 or 13 or even 20 WPM. Codeless Technician licenses have "Primary Station Priveleges" printed on their license (one big mistake on the FCC's part in my opinion).

So, how do you make everyone happy? I suggest:

First assign the Technician License as the initial class of license. Include 6 meters, 2 meters, 1.25 meters, 70 cm, 33cm, and 23 cm as their permitted bands of operation. Rework the question pool for the Tech to include a 40 question exam from elements 2 and 3a, but remove questions having to do with HF work. There are no HF priveleges and no code requirements.

Secondly, assign the Novice as the secondary class of license. Include operating privileges on 80cw, 40cw, 15cw, 10cw, 10ssb as currently held, and include all privileges that the Tech ticket confers. In addition, to these privileges, permit operating on all bands above 23 centimeters. Rework the question pool to add HF questions and require the passing of a 5 WPM code test. Perhaps the creation of a 2b element to test for this class would be the best approach, and require a 25 question exam from this pool.

Now, tie up the loose ends. Tech licensees with a code test under their belt would have to pass the 25 question test to obtain full Novice privileges at

this point. Seeing as theory exams are easily passed, this would not be a large inconvenience. Perhaps a Certificate of Special Temporary Authority could be issued by VEC if a examinee presents a CSCE for the code and get a temporary permission to continue to operate on HF while he or she passes the new element.

Summary: General, Advanced and Extra Licensees are not affected. The Tech. license becomes the initial class of license. The Novice becomes the second step in the license ladder. Current question pools are revamped to reflect the change of licensing. A new exam element, 2b, is created and thus a new question pool for this license. Element 2 and 3a are needed to pass the Technician. These elements have had HF-related questions removed. The VEC's would be given the authority to issue STA's for current Techs with code to continue to operate on HF while they pass the new Novice exam and while the current License exams are phased out. Fees could be levied by the VEC's to issue the STA's. The FCC would be legally able to enforce the new system as it comes on line, with no restrictions on fines or penalties that could be levied on operators who hope to scam the system and get away with HF without the 2b and 1a elements passed. Also, current Novices would not be exempt. They would have to take elements 2b and 3 to retain current privileges on the bands. STA could be issued to them by the VEC's as well. Note: the FCC doesnot have to spend a penny on this problem. The VEC's could do all the work.

What this does it that it enables all classes to exist peacably on the bands and would eliminate the flame wars we see here, both on packet and on the Internet. As for any complaints about hurting the current Novice and Technician Licensees, If I were still a Novice or a Tech, I would want to do everything I could to ensure that the hobby continues and prove that I have the ability to operate as I do. I would even retake every exam element if it meant that it would stop this war, that can only hurt ham radio.

Think about it. Somethings got to be done to ameliorate the situation before something awful happens. Let us all bring back some civility to the air.

73,

Peter Vasilion, KB2NMV  
Western NY DX Assoc. + editor of the \_WNYDXA Report\_  
Email to:  
KB2NMV@KE2VW.#WNY.NY.USA.NA  
v111qheg@ubvms.cc.buffalo.edu  
v111qheg@ubvms.BITNET  
vasilion@acsu.buffalo.edu  
vasilion@sunybc.BITNET

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Date: Thu, 4 Feb 1993 20:33:10 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!  
howland.reston.ans.net!usc!sdd.hp.com!hpscit.sc.hp.com!cupnews0.cup.hp.com!  
news1.boi.hp.com!swalton@network.UCSD.EDU  
Subject: Proposition  
To: info-hams@ucsd.edu

You guys don't get it!

You need to have passed RECEIVING CW before you can transmit it. There is no such thing as a "practice frequency" or "practice time" for those that have not been able to receive even 25 letters (min). I'll have you know that the slowest speeds out there are 5 WPM. If a HAM cannot intelligibly copy THAT, they could not send (that would result in a "broadcast").

The other reason the government leaders put a cap on who and what frequency was the very nature a radio: it has a tendency of going places. In order to make the airwaves intelligible to those who are experienced you have to restrict those who are inexperienced--UNTIL THEY BECOME EXPERIENCED.

I learned with a friend's help. He would come over to my house each evening and send code to me. He had to put up with my tantrums of frustrations I had. I have said it before, and I'll say it again: we need to encourage experienced HAMS to give a hand to those that want to join the ranks. Even the ARRL handbook points out that this is an international fraternity.

-Sean  
KB7RFA

-----  
Date: Thu, 04 Feb 1993 12:01:17 GMT  
From: anomaly.sbs.com!kd1hz@uunet.uu.net  
Subject: Real NoCodes  
To: info-hams@ucsd.edu

damelio@progress.COM (Stephen D'Amelio) writes:

>I'm not a ham, but the VP of my department is. And  
>YES he does business with your company. Oops, used to.  
>You may have to explain why your company lost our business.  
>(actually it's one of our VAR's that is your customer)

You forgot to ask if I really give a shit. If you have a customer

which bases business decisions on what they read in netnews, or, even worse, listens to people who tell them what to do based upon what is posted to netnews, I feel sorry for them.

>But you may be too  
>young to realize the consequences of your Hitler youth  
>attitude.

Neat. I'll have to remember this one. "Anyone who remotely possesses an opinion which I don't seem to like" == "Hitler Youth Attitude". I'll try it in other newsgroups and see how it works.

>Try to focus on things that are really  
>important, like how your going to feed your family  
>if your mouth lands you on the street!

Nah, maybe they are for someone like you, but when you're as good at what you do as I am, things like this are never a concern.

MD

--  
-- Michael P. Deignan / Since I \*OWN\* SBS.COM,  
-- Domain: mpd@anomaly.sbs.com / These Opinions Generally  
-- UUCP: ...!uunet!anomaly!mpd / Represent The Opinions Of  
-- Telebit: +1 401 455 0347 / My Company...

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Date: Thu, 4 Feb 1993 21:03:26 GMT  
From: dog.ee.lbl.gov!hellgate.utah.edu!cs.utexas.edu!zaphod.mps.ohio-state.edu!  
howland.reston.ans.net!ux1.cso.uiuc.edu!news.cso.uiuc.edu!uxa.cso.uiuc.edu!  
btbg1194@network.UCSD.EDU  
Subject: Shareware/Public Domain Software for Theory Test  
To: info-hams@ucsd.edu

In article <81109@hydra.gatech.EDU> gt7479c@prism.gatech.EDU (Duncan Sinclair) writes:

>Hi, I have seen a software program that I think was Shareware that had  
>all of the questions (for Novice & Technician). It would give you a sample  
>test picking the right number of question from each section, etc. I don't  
>remember the name or anything else about it. If you have, or if you know of  
>any software at all (even something I'd have to PAY for) please e-mail me at:

>  
>gt7479c@prism.gatech.edu  
>

>Thanks in advance,  
>  
>Duncan Sinclair

I used something called "AUTOEXAM" last fall to generate sample exams for a class. It was based on the ARRL manuals and so used figure references to them (only generated text exams). It works well. I think I found it on Simtel (wuarchive)... try "archie -c autoexam" if you have that. The program is for PC's.

KB8CNE, Brad Banko

--

Brad Banko; Dept of Physics; U of Illinois; b-banko@uiuc.edu

=====  
Tatiana Gutsu for President! 73 de kb8cne @ n9lnq.il

-----  
Date: 5 Feb 93 19:53:00 GMT  
From: castor!082589@lanl.gov  
Subject: Wanted  
To: info-hams@ucsd.edu

Keywords:

Any mods for the Yeasu FT5100? Thanks in advance for the help.

-----  
Date: Fri, 5 Feb 1993 00:03:45 GMT  
From: mvb.saic.com!unogate!news.service.uci.edu!usc!elroy.jpl.nasa.gov!swrinde!gatech!concert!unccsun.uncc.edu!wlhamaty@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <1993Jan29.233654.29325@newshost.lanl.gov>,  
<C1r82s.A7x@unccsun.uncc.edu>, <C1vtq7.B2v@wang.com>ch  
Subject : Re: My call sign : (

In article <C1vtq7.B2v@wang.com> dbushong@wang.com (Dave Bushong) writes:

>  
>>Yes, you do have to keep the CSCE indefinitely, or at least until you get  
>>your General.

>  
>It depends on what he wants to do. If the FCC cites him for operating  
>beyond his privileges, they have the burden of proof that he is  
>operating illegally. In such a case, they would produce the 610  
>and whatever test materials they had, and thereby he'd be cleared.

```
>In order to upgrade to General, he would have to take a new code
>test (13 wpm) so the CSCE for 5 wpm would have no value.  Probably
>the only thing he would need the CSCE for is if he want to guest
>operate somewhere and needed to show that he was authorized.
>
```

Okay, I was going by the book! Practically, the probability of ever being asked to produce the CSCE is nearly zero. I could probably do without the framed license on the wall and maybe even the little card in the wallet, but I'm the sort that IDs on a dummy load just incase it isn't so dumb. ;-}

```
--
[-----]
| Luke Hamaty KD4HSE           "More than gold, I love to complain." |
| Impact Technologies Group - Trurl, from The Cyberiad               |
|                               |                                       |
| 800-438-6017 or 704-549-1100                                     |
|                               |                                       |
-----
```

Date: Fri, 05 Feb 1993 01:39:15 GMT  
From: dog.ee.lbl.gov!hellgate.utah.edu!cs.utexas.edu!convex!  
usenet@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <1993Feb1.163215.19299@cbnewsm.cb.att.com>,  
<1993Feb02.180631.24210@convex.com>, <16B6BECF7.R0264@vmcms.csuohio.edu>  
Reply-To : tonym@convex.COM  
Subject : Re: Heavy fist on 20 meters.

```
In article <16B6BECF7.R0264@vmcms.csuohio.edu> R0264@vmcms.csuohio.edu writes:
}>}
}>}If you stuck 1000 monkeys in a room all with paddle keyers would they
}>}eventually have CW QSOs or would it always just sound like a big pileup? 8-)
}>
}> No. because:
}>
}> o "R" number of monkees would be listening on 40 and transmitting on WWV.
[rest deleted]
```

{All monkeys would be throwing the keyers against the walls and on the floor,  
{and clawing at them to see if anything edible is inside.

Wait - are we talking about Monkeys or CB'ers?

P.S. - boy the word I wanted to substitute for "CBer" would have been even funnier, but I would have gotten flamed royally... :-)

Anyway, there's already a thread regarding that... :-)

--

Tony J. Podrasky	Why does your dog keep growling at me?
San Diego , Ca	Because he thinks you're stealing food from him.
tonyp@convex.com	Why would he think that?
QSL? QRU? QRZ? QLZ? QFA?	Well, you *are* eating out of his dish...

-----

Date: Fri, 5 Feb 1993 00:51:01 GMT  
From: pacbell.com!sgiblab!sdd.hp.com!ux1.cso.uiuc.edu!uwm.edu!linac!att!cbnewsm!  
jeffj@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <1993Feb3.173917.10557@allegra.att.com>,  
<1993Feb3.185253.10500@cbnewsm.cb.att.com>, <C1y8rF.BEB@unccsun.uncc.edu>p  
Subject : Re: PI network in Swan 700CX

In article <C1y8rF.BEB@unccsun.uncc.edu> wlhamaty@unccsun.uncc.edu (W Luke Hamaty)  
writes:

>  
>No doubt others could produce a better technical explanation, but essentially  
>you are matching the high impedance output of the tubes to the low  
>impedence of the load. Operating without resonating the circuit is a bad  
>idea for the same reason that operating with a high (unmatched) SWR is:  
>the power is not transferred to the load, so it is dissipated in the tubes.  
>The Pi network on the Swans can match to any essentially non-reactive load  
>from 15 to a few hundred ohms, maybe an SWR of 5:1. I have driven 2:1 direct  
>with no problem. The load must not be real reactive, and if you drive a  
>200 ohm load with a 50 ohm feedline, you are gonna have a 4:1 SWR on the  
>line, and if it isn't real short it will be reactive at the rig.  
>  
>Do you know about the Swan net on 14250 on Sundays at 2:00 Pacific? A real  
>good group, and I'm sure you could get an answer to any sort of Swan  
>question. I usually check in if conditions are favorable between NC and UT.

I check into that net at times also. I can hear it really well here  
in the SF Bay Area. The couple of replies that I have seen posted here  
have pretty much confirmed what I thought was happening. Thanks for  
all the help! 73!

Jeff

--

Jeff Jones AB6MB		Nickel Back: What you get when you ask free
jeffj@seeker.mystic.com		agents to give you a million
Infolinc BBS 415-778-5929		dollars worth of effort.

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End of Info-Hams Digest V93 #173

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